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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Arup Bhattacharyya

Examiner: Phan, Trong

Patent No.: 6,784,480

Group Art Unit: 2818

Issue Date: August 31, 2004

Docket No: 1303.043US1

Title: ASYMMETRIC BAND-GAP ENGINEERED NONVOLATILE MEMORY DEVICE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**  
**FEB 25 2005**  
**of Correction**

We are transmitting herewith the attached:

- ☒ Request for Certificate of Correction.
- ☒ Certificate of Correction Form - PTO-1050 (in duplicate)
- ☒ A return postcard.

**Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.**

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
Customer No: 21186

By: Marvin L. Beekman  
Name: Marvin L. Beekman  
Reg. No. 38,377  
MLB:CMG:skb

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria VA 22313-1450, on this 18 day of February 2005.

Stephanie Bangston  
Name

Stephanie Bangston  
Signature

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Patent 6,784,480

PATENT

IN UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.:	6,784,480	Docket No:	1303.043US1
Issue Date:	August 31, 2004	Patentee:	Arup Bhattacharyya
Customer No.:	21186	Confirmation No.:	8824
Title	ASYMMETRIC BAND-GAP ENGINEERED NONVOLATILE MEMORY DEVICE		

REQUEST FOR CERTIFICATION OF CORRECTION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims as properly allowed, and re-examination is not required.

**As the error is that of the Patent Office, it is believed that no fee is due.**

The Examiner is authorized to charge any additional fees or credit overpayment to Deposit Account No.19-0743.


Respectfully Submitted

ARUP BHATTACHARYYA

By his Representatives,

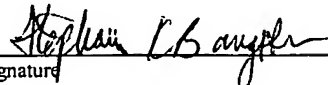
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6900

Date : 2-17-05

By:   
Marvin L. Beekman  
Reg. No: 38,377  
MLB:CMG:skb

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Stephanie Bangston  
Name

  
Signature

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(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,784,480

DATED : August 31, 2004

INVENTOR(S) : Bhattacharyya

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face page, in field (56), under "Other Publications", in column 2, line 2,  
delete "9/1" and insert - - 91 - -, therefor.

On page 2, in field (56), under "Other Publications", in column 1, line 13,  
delete "Grenier" and insert - - Greiner - -, therefor.

On page 2, in field (56), under "Other Publications", in column 1, line 16,  
delete "Grenier" and insert - - Greiner - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 47,  
delete "Device" and insert - - Devices - -, therefor.

In column 7, line 34, after "3-5 nm" insert - -  $t_{ox.eq}$  - -.

In column 9, line 13, delete "prograniming" and insert - - programming - -, therefor.

In column 11, line 16, Delete "floatin" and insert - - floating - -, therefor.

MAILING ADDRESS OF SENDER:

SCHWEGMAN, LUNDBERG, WOESSNER, & KLUTH, P.A.  
P.O. BOX 2938  
Minneapolis, MN 55402

Atty Docket No: 1303.043US1

PATENT NO. 6,784,480

No. of additional copies



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In column 14, line 46, delete " $V_T("1")-V_T("0")$ " and insert - -  $(V_T("1")-V_T("0"))$  - -, therefor.

In column 20, line 7, delete " $(\Delta ZrO_2)$ " and insert - -  $ZrO_2$  - -, therefor.

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